

Fig.1

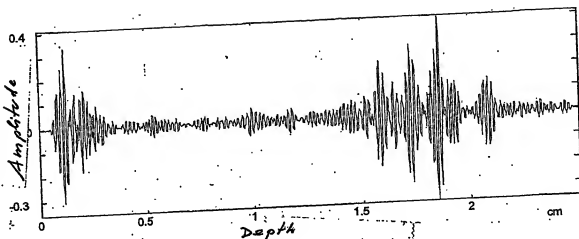


Fig.2

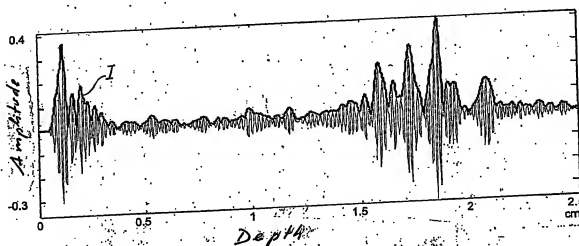
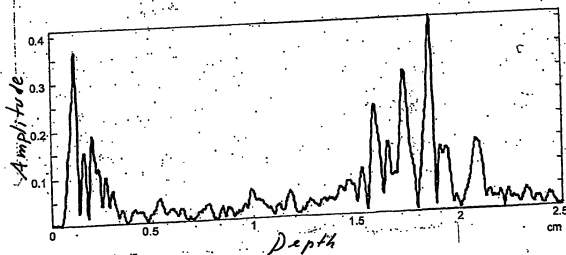


Fig.3



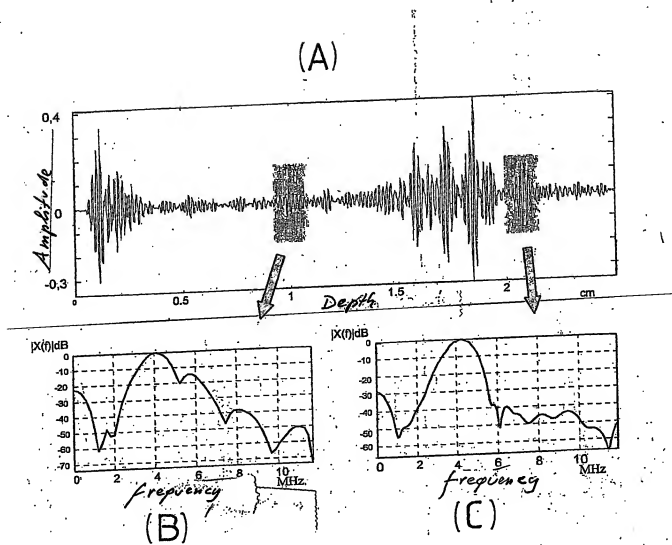


Fig.4

Fig.4D

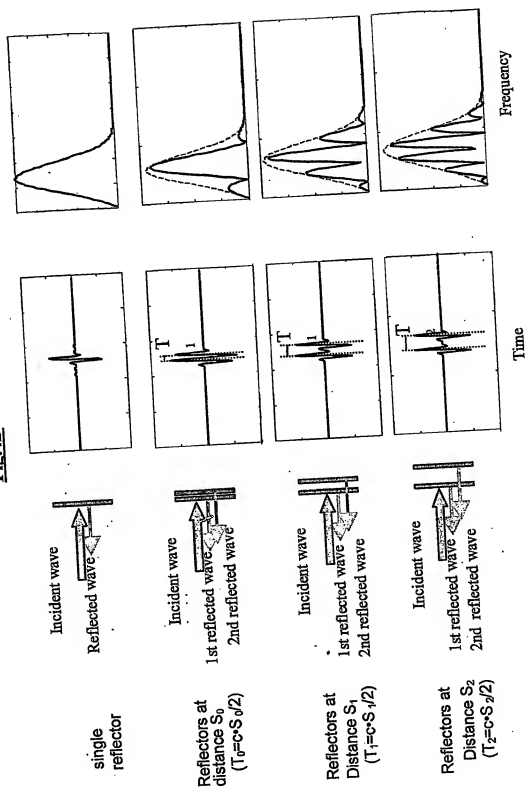
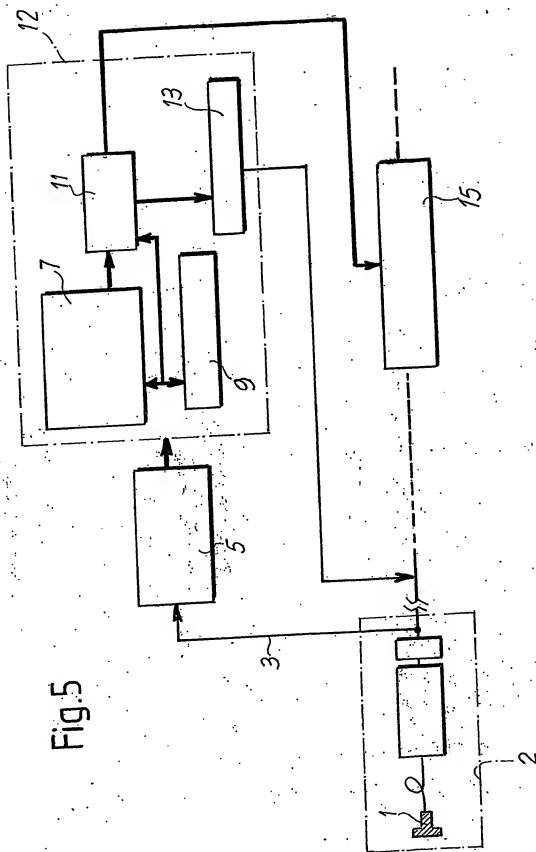


Fig.5



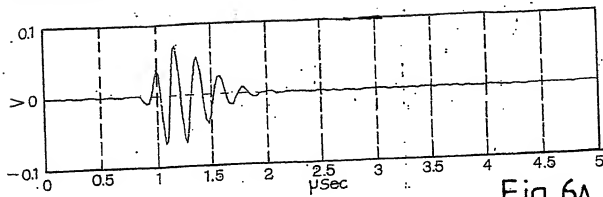


Fig. 6A

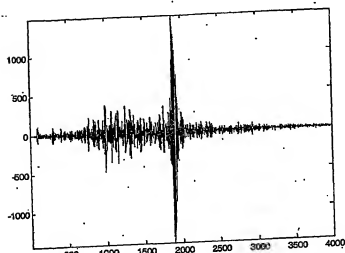


Fig. 6B

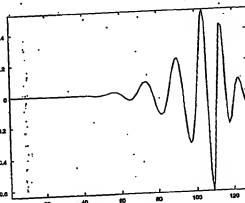


Fig. 6C

Band: 1 [0:2.5 MHz]

Band: 2 [2.5:5 MHz]

Band: 3 [5:7.5 MHz]

Band: 4 [7.5:10 MHz]

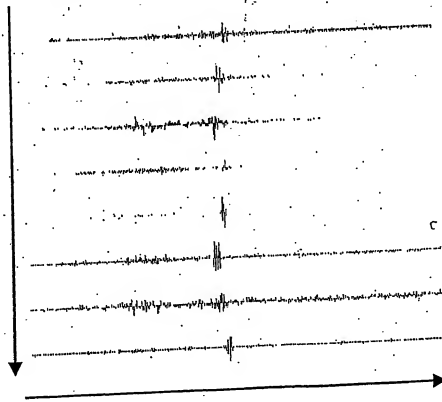
Band: 5 [10:12.5 MHz]

Band: 6 [12.5:15 MHz]

Band: 7 [15:17.5 MHz]

Band: 8 [17.5:20 MHz]

Fig. 6D



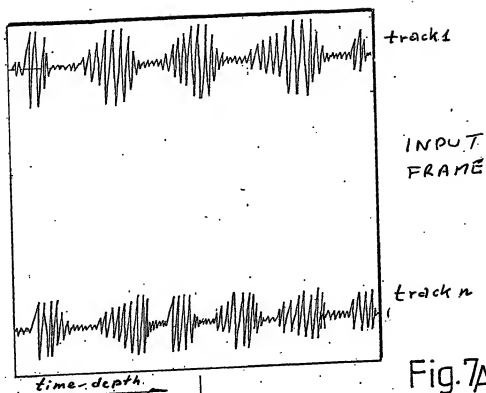


Fig. 7A

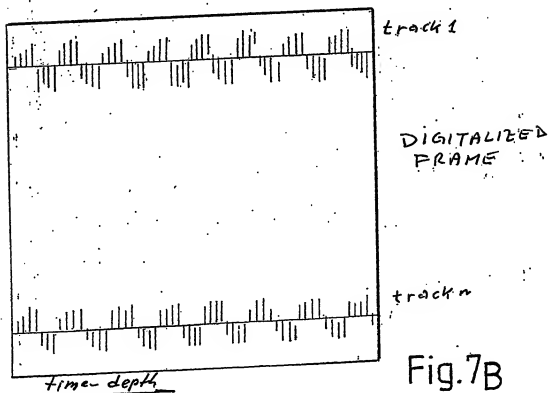


Fig. 7B

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Fig. 7c

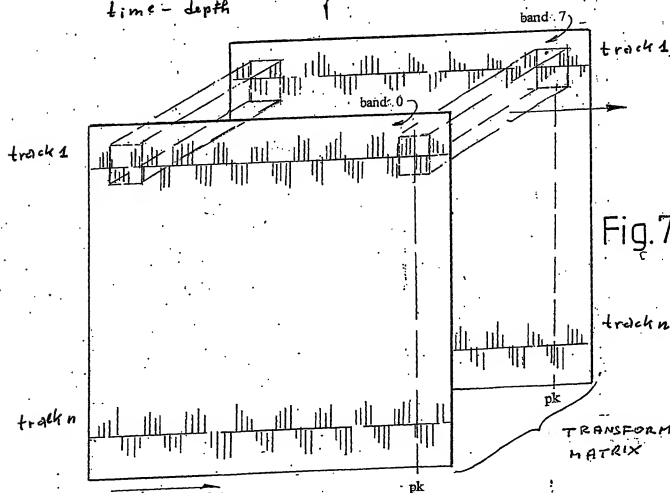
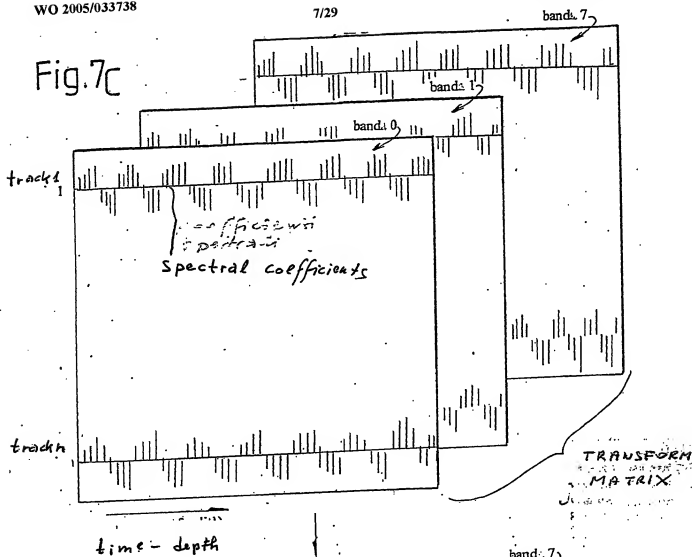


Fig. 7d

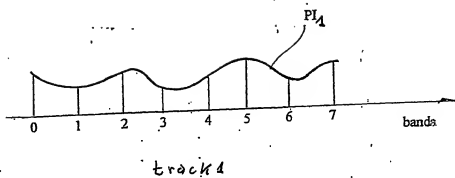
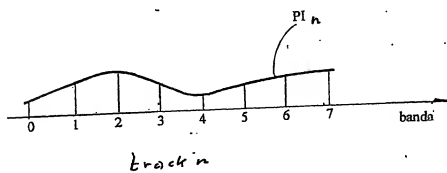


Fig. 7E



a_{11}	a_{12}	...	a_{1n}
a_{21}	a_{22}	...	a_{2n}
...
a_{n1}	a_{nn}

track 1

track 2

LOCAL ESTIMATORS
MATRIX

track n

Fig. 7F

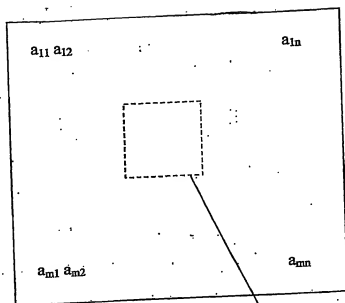
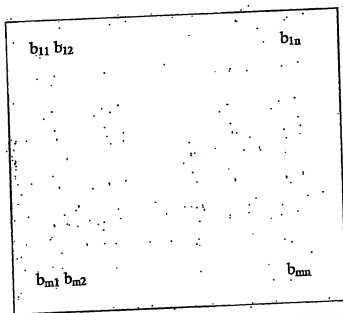


Fig. 7G

LOCAL
ESTIMATORS
MATRIX

σ_{ij}



$$b_{ij} = f(a_{ij}, \sigma_{ij})$$

Fig. 7H

WEIGHTED
LOCAL ESTIMATORS
MATRIX

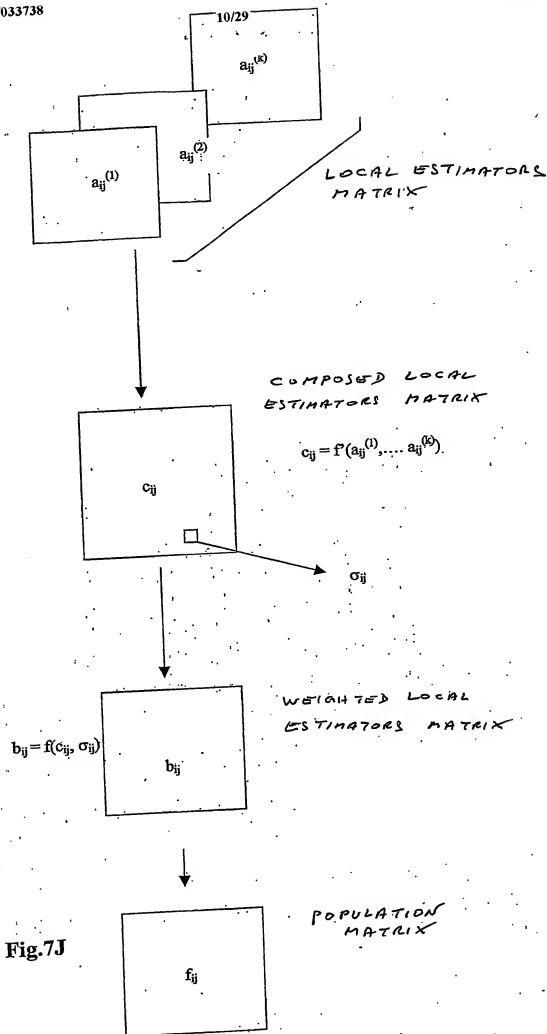


Fig.7J

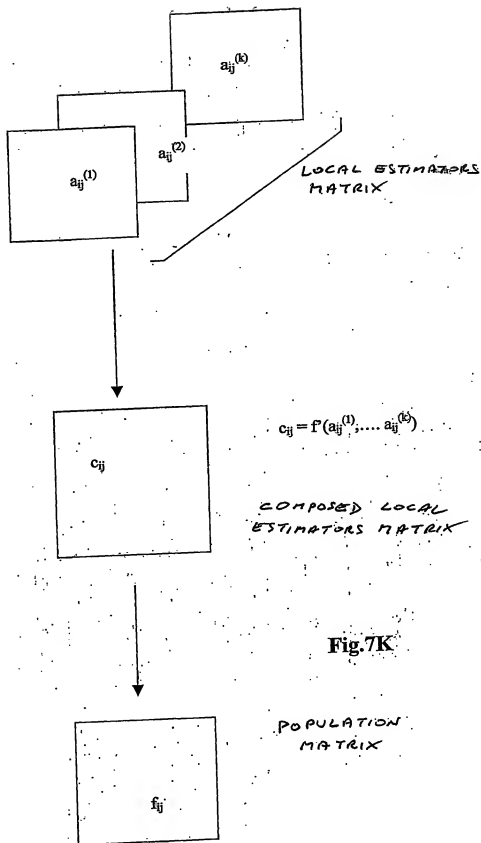


Fig. 7K

Fig.8A

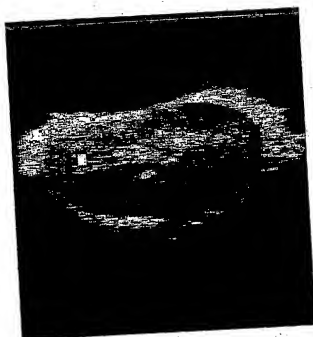
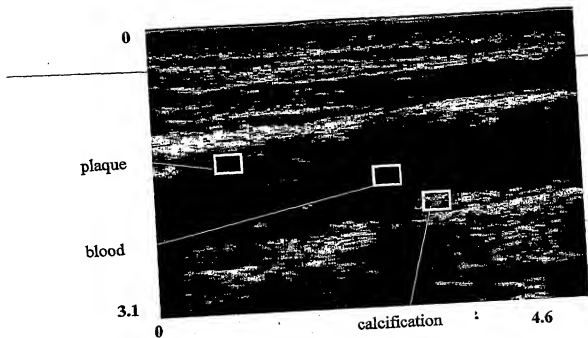
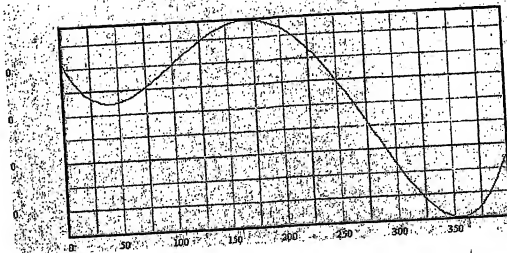
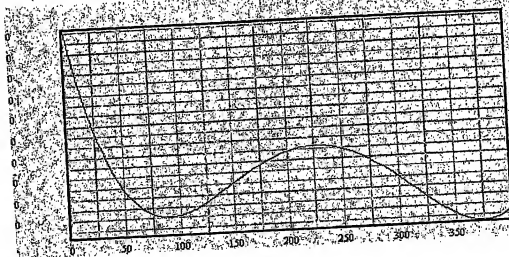
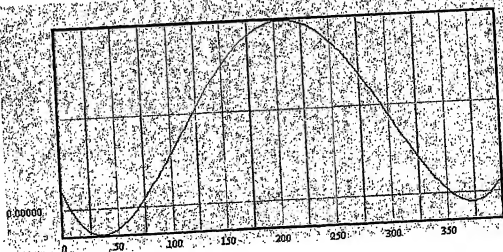


Fig.8B

**Fig.9A****Fig.9B****Fig.9C**

Coefficient A_0 Coefficient A_1 Coefficient A_2 Coefficient A_3 Coefficient A_4 **Fig.10**

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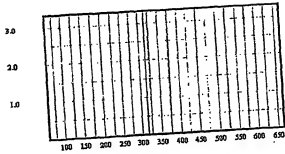
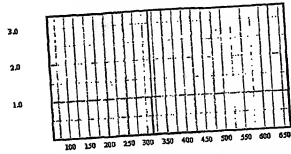
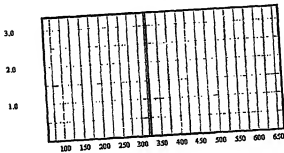
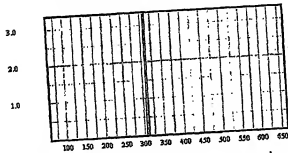
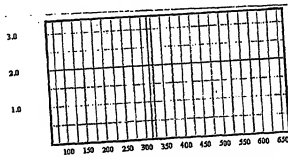
Fig.11**Coefficient A_0** **Coefficient A_1** **Coefficient A_2** **Coefficient A_3** **Coefficient A_4** 

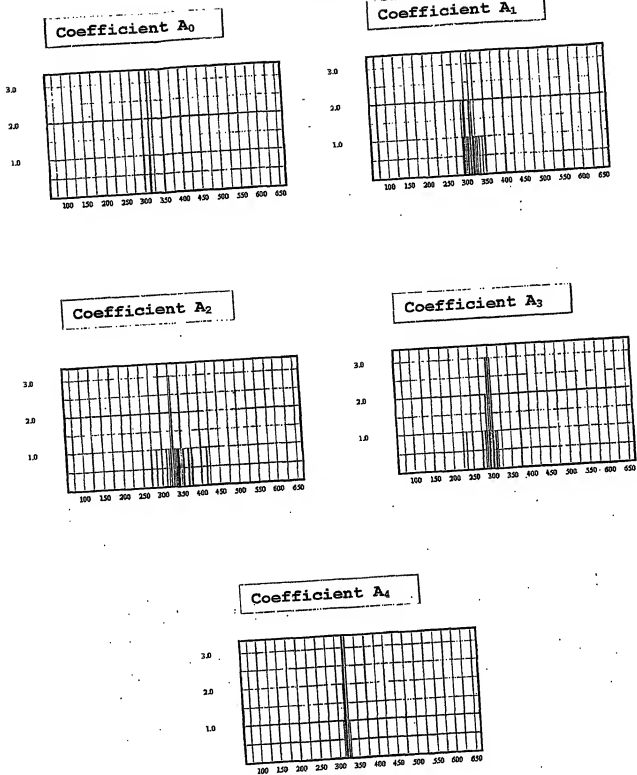
Fig.12

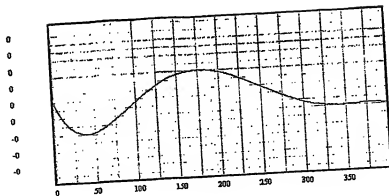
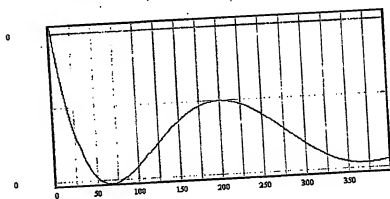
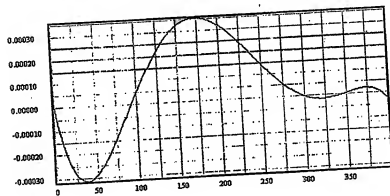
Fig.13A**Fig.13B****Fig.13C**

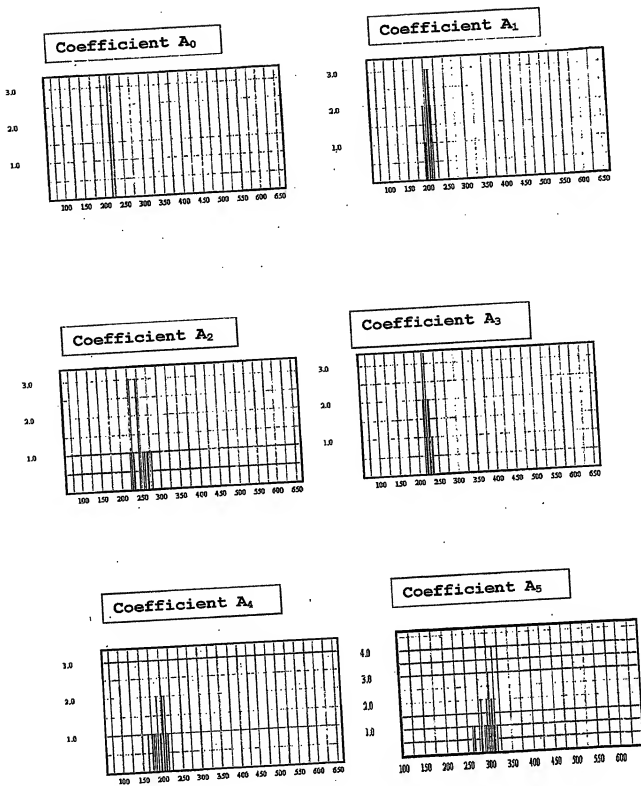
Fig.14

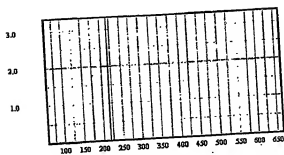
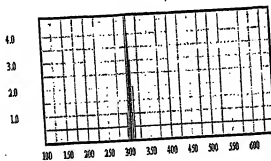
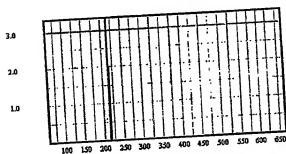
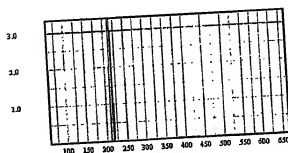
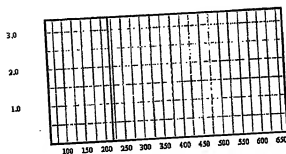
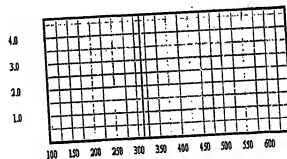
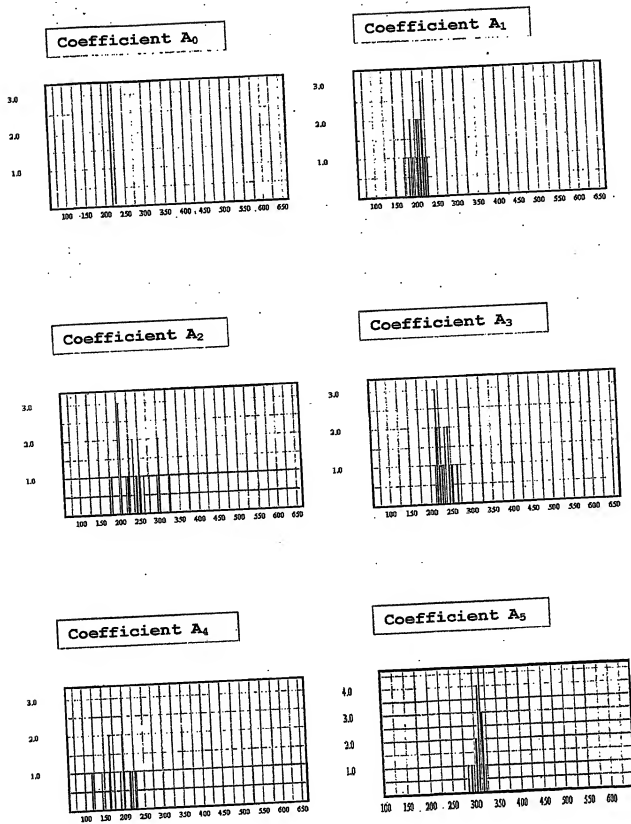
Fig.15**Coefficient A_0** **Coefficient A_1** **Coefficient A_2** **Coefficient A_3** **Coefficient A_4** **Coefficient A_5** 

Fig.16

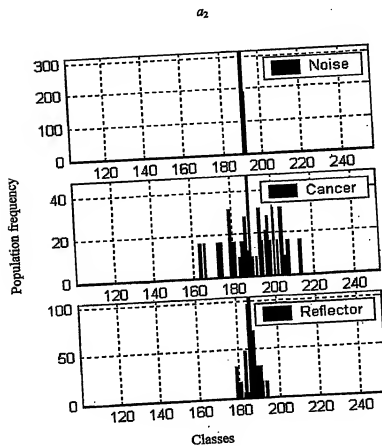
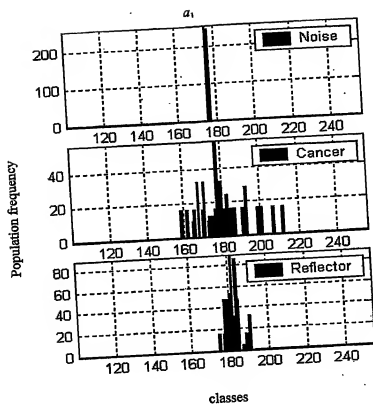


Fig.17A

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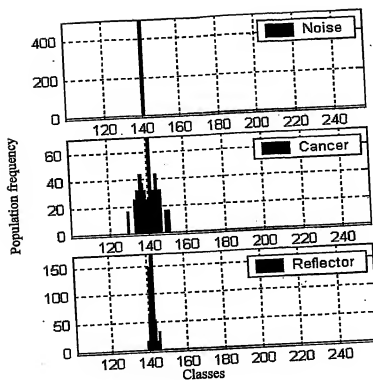
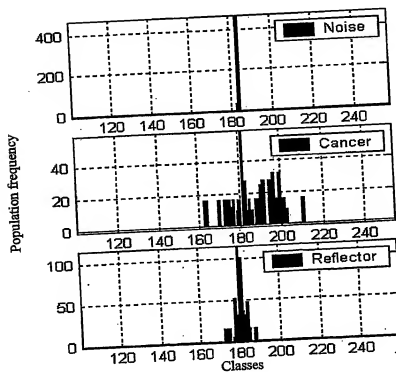
 a_3  a_4 **Fig.17B**

Fig.17C

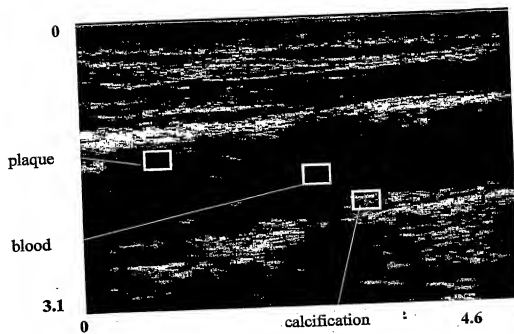


Fig.17D

DISCRETE WAVELET DECOMPOSITION

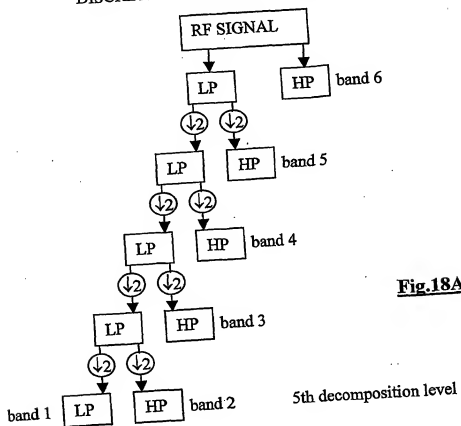


Fig.18A

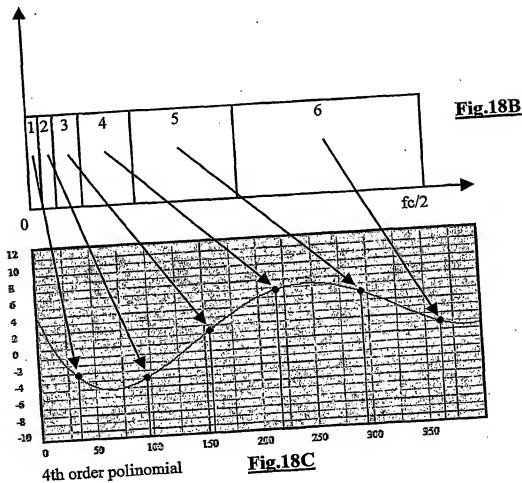
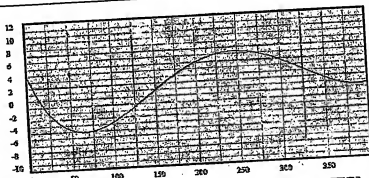
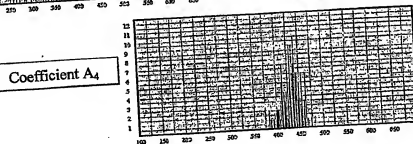
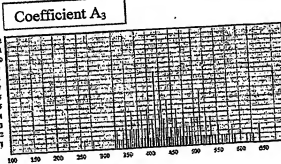
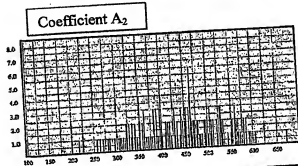
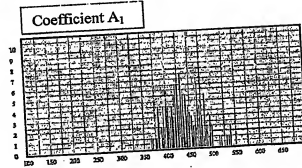
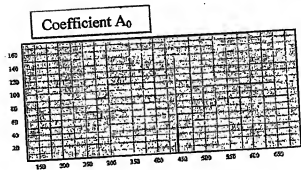


Fig.18C

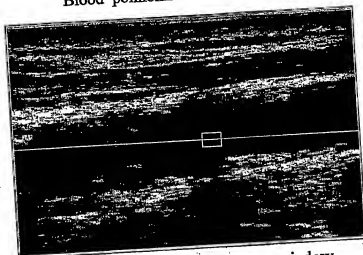
Plaque polinomial and histograms



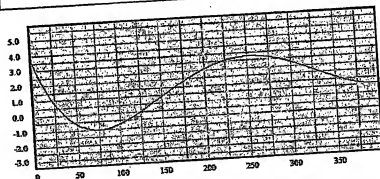
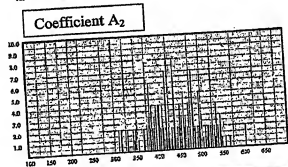
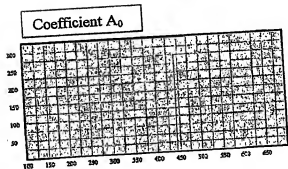
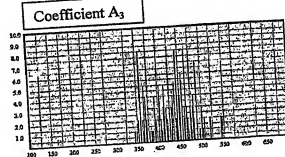
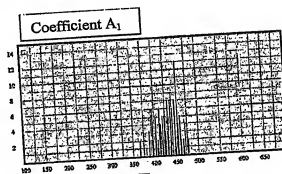
Polinomial cursor and histogram window

**Fig.19**

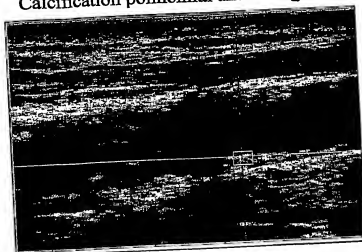
Blood polinomial and histograms



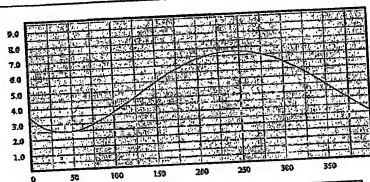
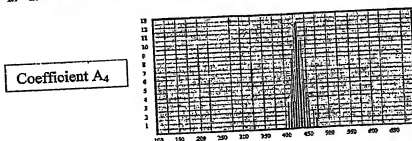
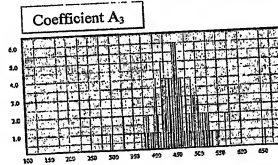
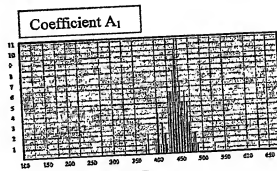
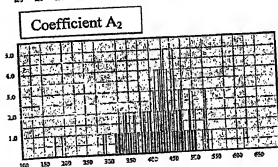
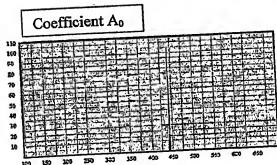
Polinomial cursor and histogram window

**Fig.20**Coefficient A_4 

Calcification polinomial and histograms



Polinomial cursor and histogram window

**Fig.21**

DWPT TRANSFORM

DECOMPOSITION TREE

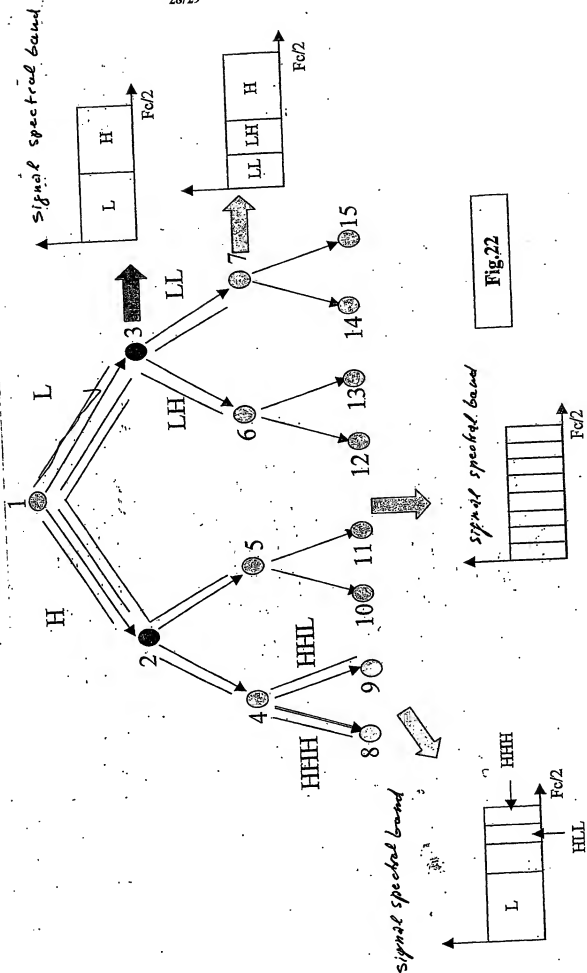
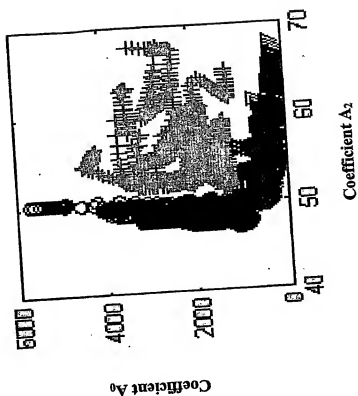
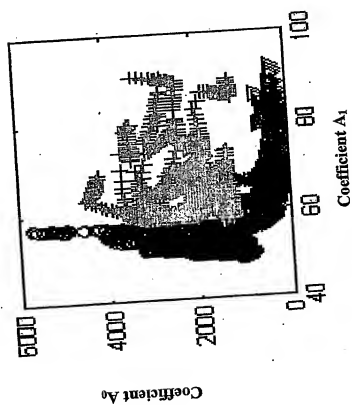


Fig.22



(A)



(B)

Fig.23

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